STRATHCLYDE BUSINESS SCHOOL

DEPARTMENT OF MANAGEMENT SCIENCE

OPERATIONAL RESEARCH

Master of Science in Operational Research
Master of Science in Operational Research (online)
Postgraduate Diploma in Operational Research
Postgraduate Certificate in Operational Research

These regulations are to be read in conjunction with the General Academic Regulations - Postgraduate Taught Degree Programme Level.

Admission
1. The General Academic Regulations - Postgraduate Taught Degree Programme Level shall apply.

Duration of Study
2. The General Academic Regulations - Postgraduate Taught Degree Programme Level shall apply.

3. Notwithstanding the General Academic Regulations - Postgraduate Taught Degree Programme Level, students studying by distance learning may take up to 36 months to complete the Postgraduate Certificate.

Mode of Study
4. The programme is available by distance learning only.

Curriculum
5. All students shall undertake an approved curriculum as follows:

    i.   for the Postgraduate Certificate no fewer than 60 credits
    ii. for the Postgraduate Diploma no fewer than 120 credits
    iii. for the Degree of MSc no fewer than 180 credits including a dissertation.

Compulsory Modules (on campus)

Module Code	Module Title	Level	Credits
MS800	Foundations of Operational Research and Business Analysis	5	10
MS801	Quantitative Business Analysis	5	10
MS802	Managing Business Operations	5	10
MS803	Spreadsheet Modelling and Demand Forecasting	5	10
MS932	Operational Research Methods	5	10

Compulsory Modules (online)

Module Code	Module Title	Level	Credits

	Foundations of Operational Research and Business Analysis	5	10
MS8XX	Foundations of Operational Research and Business Analysis	5	10
MS8XX	Quantitative Business Analysis	5	10
MS8XX	Managing Business Operations	5	10
MS8XX	Spreadsheet Modelling and Demand Forecasting	5	10
MS9XX	Operational Research Methods	5	10

Optional Modules (on campus)

No fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
MS805	Business Simulation Methods	5	10
MS806	Risk Analysis and Management	5	10
MS807	Business Information Systems	5	10
MS934	Advanced Operations Research Modelling using Specialist Software Tools	5	10

Optional Modules (online)

No fewer than 10 credits chosen from:

Module Code	Module Title	Level	Credits
MS8XX	Business Simulation Methods	5	10
MS8XX	Risk Analysis and Management	5	10
MS8XX	Business Information Systems	5	10
MS9XX	Advanced Operations Research Modelling using Specialist Software Tools	5	10

Students for the Postgraduate Diploma and the degree of MSc in addition shall undertake:

Module Code	Module Title	Level	Credits
MS935	Becoming an Effective 'OR' Modeller	5	40

And no fewer than 20 credits chosen from the list of optional modules above.

Students for the degree of MSc only:

Module Code	Module Title	Level	Credits
MS810	Dissertation	5	60

Examination, Progress and Final Assessment

6. The [General Academic Regulations - Postgraduate Taught Degree Programme Level](#) shall apply.

7. The final award will be based on performance in the examinations, coursework and the dissertation where undertaken.

Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Operational Research, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the dissertation MS810.

9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Operational Research, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.

10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Operational Research, a candidate must have accumulated no fewer than 60 credits from the taught modules of the programme, of which 50 must have been awarded in respect to the Compulsory Modules.